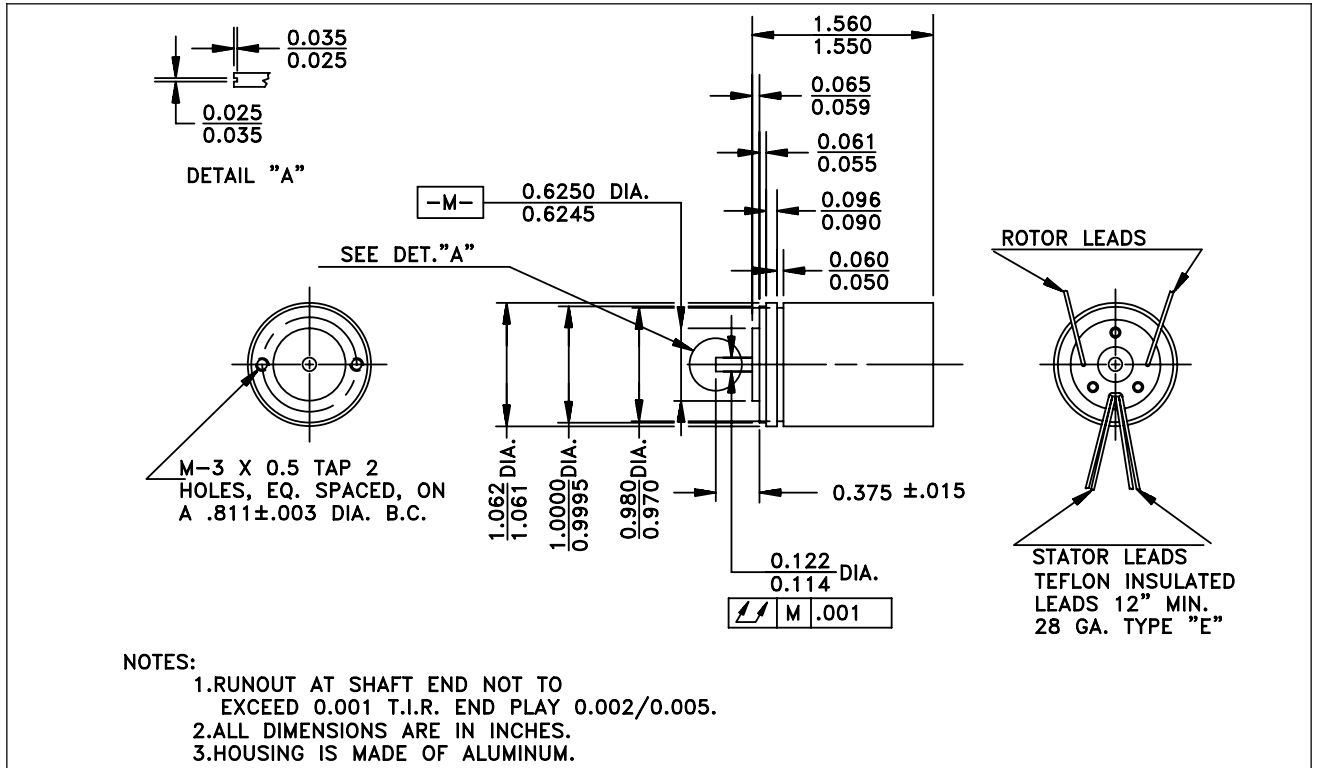


SIZE 11 RESOLVER



DESCRIPTION

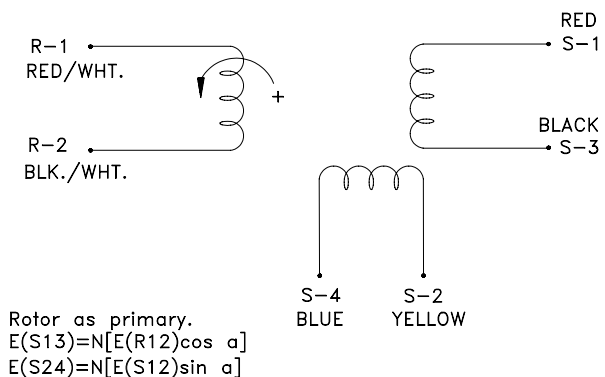
With AC input to the rotor, a resolver generates two output voltages varying in sine and cosine function of the mechanical angle of the rotor shaft. The resolution of the angle is infinite in analog and in digital, it will depend on the resolver to digital converter used.

ELECTRICAL CHARACTERISTICS

Input Voltage (Rotor)	26 Vrms
Input Frequency	400 Hz
Input Current	0.013 ma ± 10%
Input Power	0.075 ± 20% W
Output Voltage (Rotor)	22 ± 10% Vrms
Transformation Ratio	0.846 ± 10%
Total Null	40 mv max.
Input Impedance (ref.) Z_{RO}	400 + j 1950 ohms
Output Impedance (ref.) Z_{SO}	290 + j 1800 ohms
Accuracy	± 30 minutes

OPTIONS

We welcome requests for modifications to fit your exact needs.



P/N 11CW5-A01-008

Date: 4/16/2002

SCOT ELECTRICAL PRODUCTS
Division of Win Technologies Inc.

Title

SIZE 11 RESOLVER

DWG #

SBN1036-0

REV

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FSCM No. ONFF5